

FIG. 1

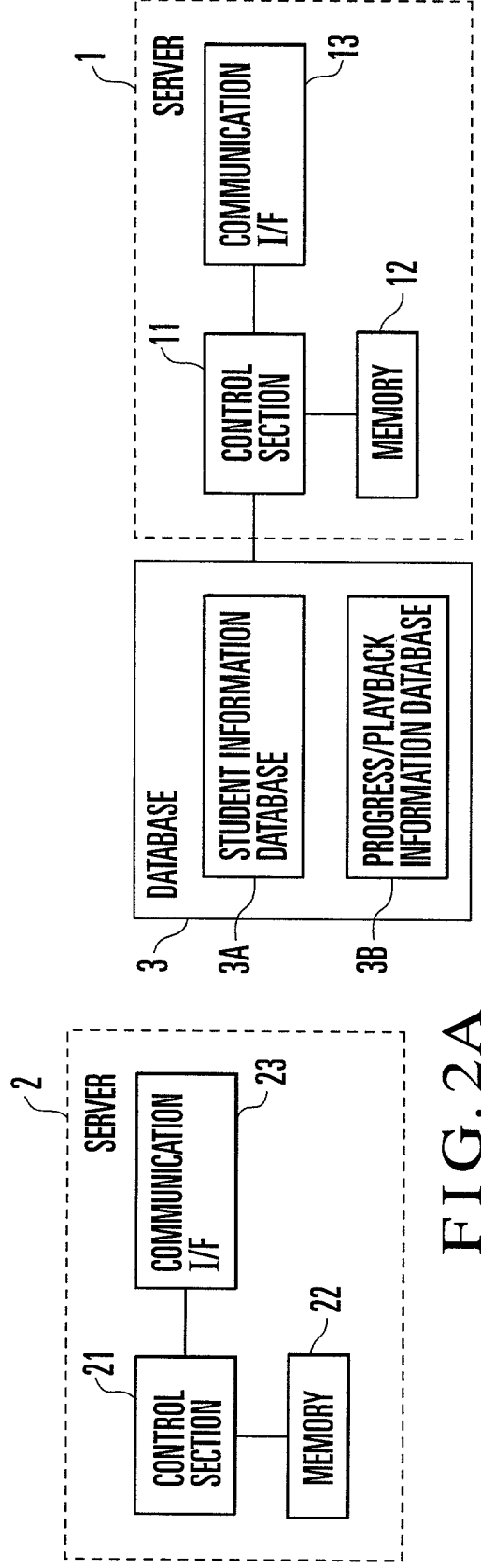


FIG. 2A

FIG. 2B

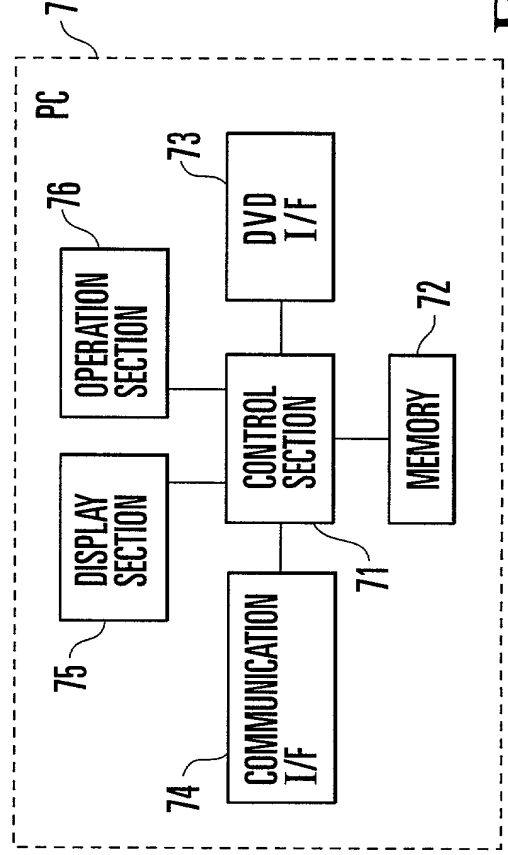


FIG. 2C

SOFTWARE OF PC 7

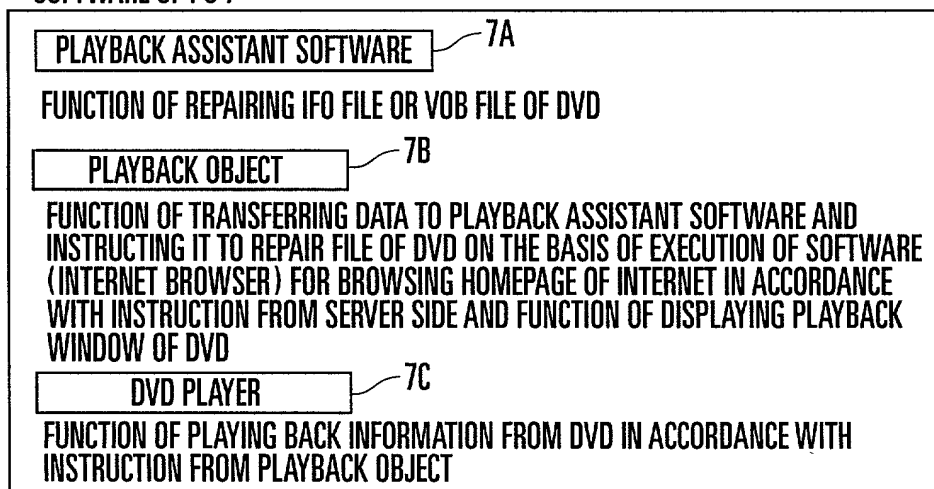


FIG. 3A

SOFTWARE AND DATA OF SERVER 1

SOFTWARE	DATA
<p>SECURITY GATE 1A FUNCTION OF INHIBITING USER FROM BROWSING IMPERMISSIBLE PAGE AND FUNCTION OF SENDING APPROPRIATE WEB PAGE TO PC 7 (SOFTWARE THAT RUNS ON SERVER SIDE)</p>	<p>WEB PAGE 1B TEXTBOOK PREPARED BY TEACHER (LOADED IN PC AND DISPLAYED WHEN INTERNET BROWSER OF PC 7 IS EXECUTED)</p> <p>STUDENT INFORMATION DATABASE 3A CORRESPONDENCE TABLE BETWEEN STUDENT AND PROGRESS OF EACH SUBJECT</p> <p>PROGRESS/PLAYBACK INFORMATION DATABASE 3B <ul style="list-style-type: none"> CORRESPONDENCE TABLE BETWEEN PROGRESS (PAGE) OF EACH ITEM AND PLAYBACK CLIP NAME CORRESPONDENCE TABLE BETWEEN WEB PAGE AND DVD PLAYBACK POSITION </p>

FIG. 3B

SOFTWARE AND DATA OF SERVER 2

SOFTWARE	DATA
<p>SERVER-SIDE PLAYBACK CONTROL OBJECT 2A FUNCTION OF TRANSFERRING DVD REPAIR INFORMATION TO CLIENT-SIDE PLAYBACK CONTROL OBJECT AND FUNCTION OF TRANSFERRING PLAYBACK CONTROL INFORMATION TO CLIENT-SIDE PLAYBACK CONTROL OBJECT (SOFTWARE THAT RUNS ON SERVER SIDE)</p> <p>CLIENT-SIDE PLAYBACK CONTROL OBJECT 2B SOFTWARE THAT RUNS WHEN LOADED IN THE PC IN ACCORDANCE WITH INSTRUCTION OF WEB PAGE BY EXECUTING INTERNET BROWSER OF PC 7. THIS SOFTWARE TRANSMITS REPAIR INFORMATION FOR DVD PLAYBACK FROM SERVER-SIDE PLAYBACK CONTROL OBJECT TO PLAYBACK OBJECT OF PC 7 IN ACCORDANCE WITH INSTRUCTION OF WEB PAGE.</p>	<p>DVD REPAIR INFORMATION 2C REPAIR IFO, REPAIR VOB</p> <p>DATABASE 2D CORRESPONDENCE TABLE BETWEEN PLAYBACK CLIP NAME, REPAIR INFORMATION, AND DVD PLAYBACK POSITION</p>

FIG. 3C

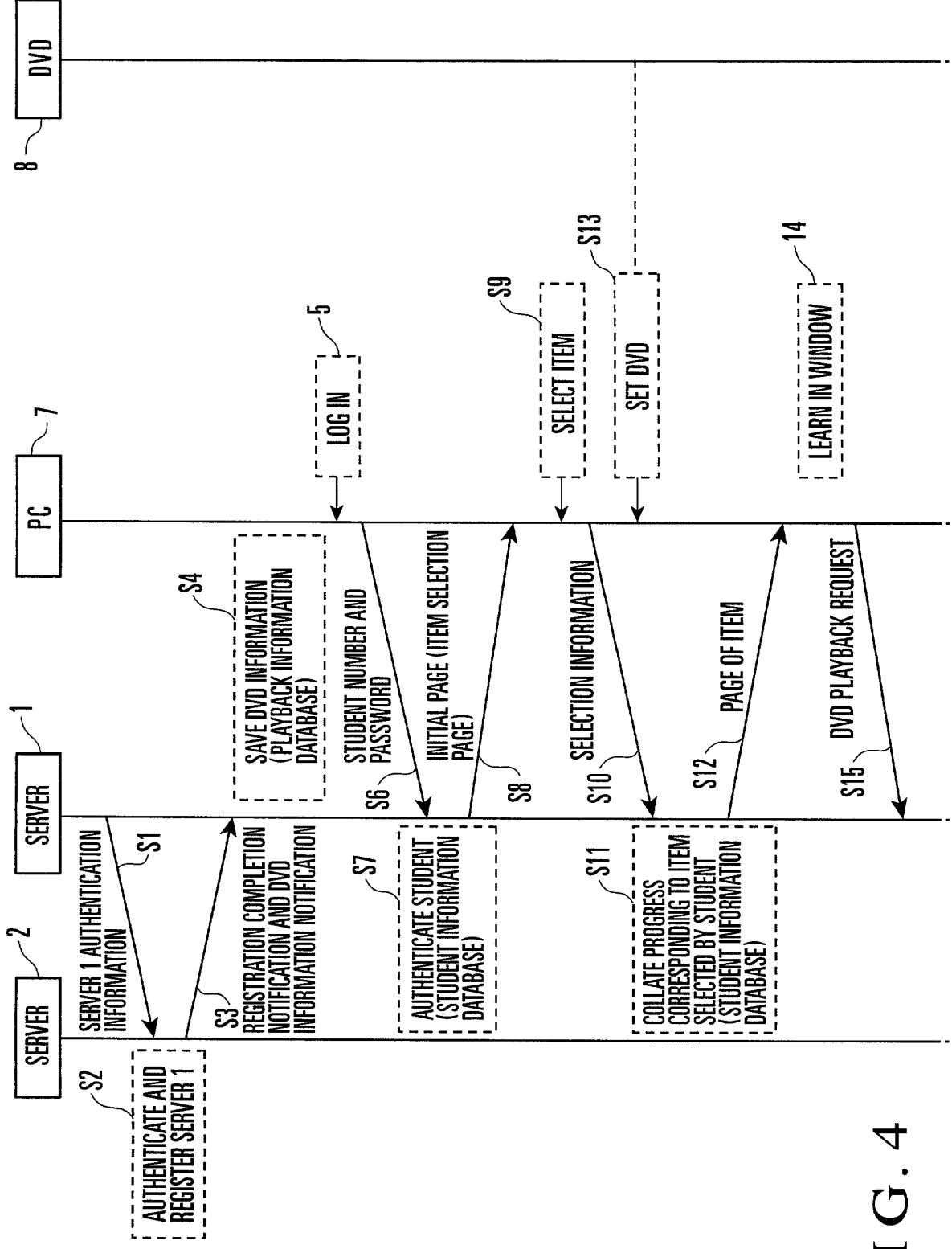


FIG. 4



FIG. 5

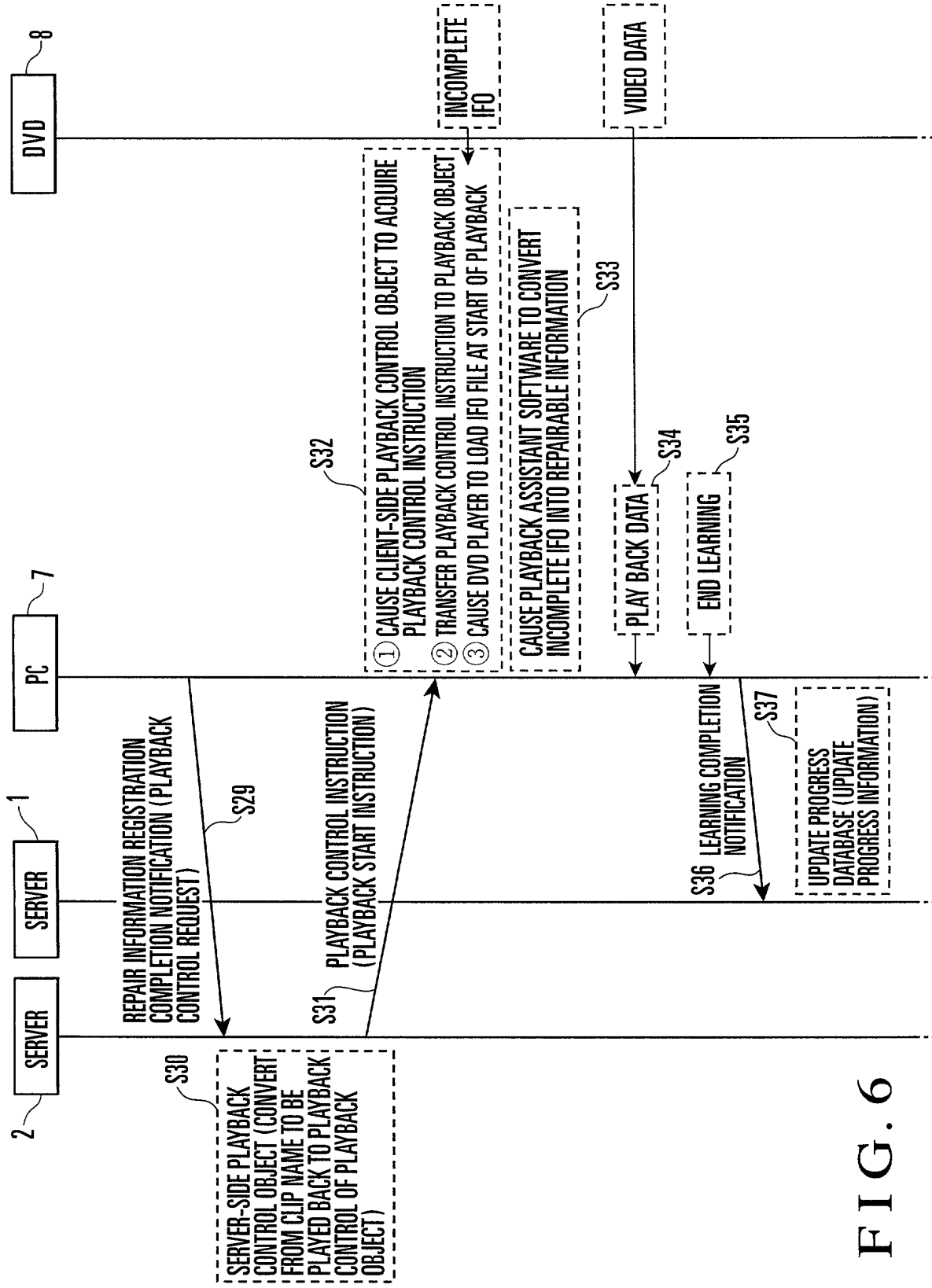


FIG. 6

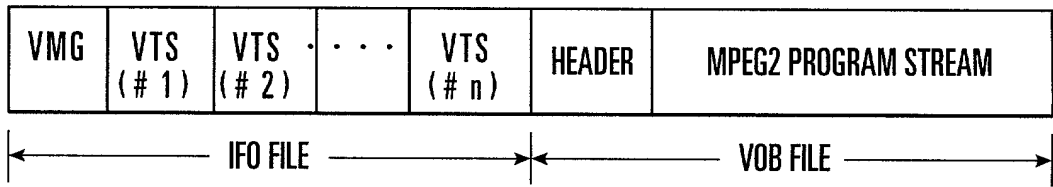


FIG. 7A

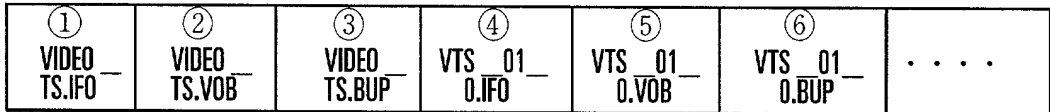


FIG. 7B

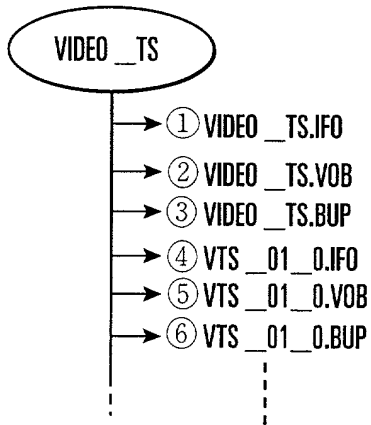


FIG. 7C

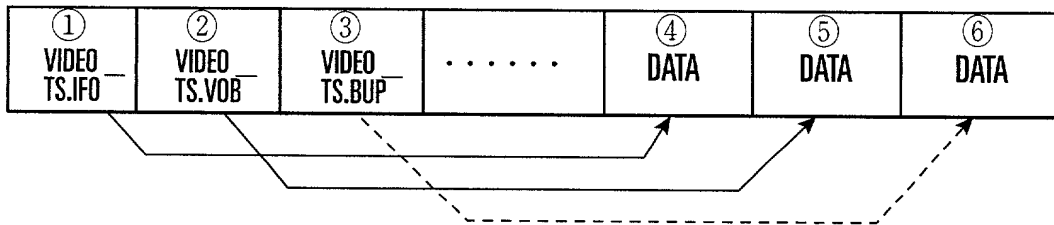


FIG. 7D

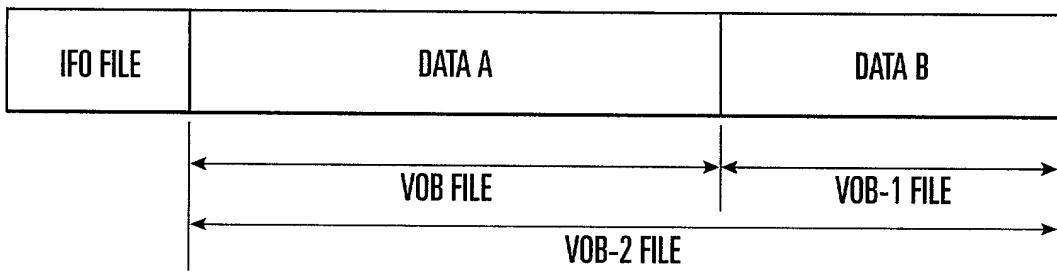


FIG. 7E

The diagram illustrates a network configuration centered around a large circle labeled "INTERNET".

- On the left, a "SERVER" (2) is connected to the "INTERNET".
- At the top, three "SERVER" units (1a, 1b, 1c) are connected to the "INTERNET". Each server is linked to a "DATABASE" (3a, 3b, 3c) above it.
- On the right, three "PC" units (7a, 7b, 7c) are connected to the "INTERNET". Each PC is linked to a "DVD" unit (8a, 8b, 8c) to its right. A dashed arrow points from DVD 8a to PC 7a.
- Vertical ellipses (...) below the PC and DVD units indicate additional devices in the network.